ABSTRACT

A gate valve having a polymeric monolithic liner, the liner having cylindrical flange portions projecting from either side to form a fluid passageway through the liner, first and second housing portions forming a liner cavity, the liner being disposed in the liner cavity, a first face ring having a first cylindrical tubular portion and a first radially outwardly projecting, annularly extending face ring flange, the first tubular portion being received in the first annular flange portion of the liner, a second face ring having a second cylindrical tubular portion and a second radially outwardly projecting, annularly extending face ring flange, the second tubular portion being received in the second annular flange portion and a gate valve element slidably received in a valve element cavity formed in the liner.